CLAIMS

1. An injection mould which has an ejector arrangement (1) comprising

ejectors (7) which, in parting of mould halves (2a, 2b) included in the mould, are adapted to eject a component (15) formed therein, and

a pressure plate (30) for actuating the ejectors (7), c h a r a c t e r i s e d in that

the ejectors (7) in their non-actuated state are completely, or essentially completely, received in ducts (3) formed in a first of said mould halves (2a) and

the pressure plate (30) has press pins (31) which, in parting of the mould halves (2a, 2b), are adapted to apply a force to the ejectors (7) to cause said ejection.

2. An injection mould as claimed in claim 1, in which the end of each ejector (7) facing the pressure plate (30) has a profile that allows non-rotational anchoring for cooperation with a complementary profile arranged in a locking plate (21), thereby preventing the ejector (7) from being turned.

3. An injection mould as claimed in claim 2, in which the end of each ejector (7) facing the pressure plate (30) has a non-rotationally symmetrical profile.

4. An injection mould as claimed in claim 1, in which the duct (3) extends from a cavity (4) arranged in the mould and through the locking plate (21).

5. An injection mould as claimed in claim 1, in which the ducts (3) accommodate resetting means (6) for resetting the position of the ejectors after actuation.

6. An injection mould as claimed in claim 5, in which the resetting means (6) consist of springs.

7. An injection mould as claimed in claim 1, in which the end of each ejector (7) facing the component (15) forms part of the boundary surface of the cavity (4).

8. An injector arrangement (1) of an injection mould, comprising

ejectors (7) which, in parting of mould halves (2a, 2b) included in the mould, are adapted to eject a component (15) formed therein, and

a pressure plate (30) for actuation of the ejectors (7),

c h a r a c t e r i s e d in that

the ejectors (7) in their non-actuated state are completely, or essentially completely, received in ducts (3) formed in the mould, and

the pressure plate (30) has press pins (31) which, in parting of the mould halves (2a, 2b), are adapted to apply a force to the ejectors (7) to cause said ejection.

9. An injection mould, c h a r a c t e r i s e d in that

it is made up of modules, comprising a mould module (50) having a cavity (4), an ejector module (40) accommodating ejectors (7) and resetting means (6), a module comprising the locking plate (21), and a module comprising the pressure plate (30).

10. An injection mould as claimed in claim 9, in which the ejectors (7) in their non-actuated state are essentially received in ducts (3) formed in the mould module (50) and the ejector module (40, and

the pressure plate (30) has press pins (31) which, in parting of the mould, are adapted to apply a force to the ejectors (7) to cause said ejection.